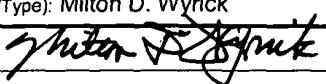
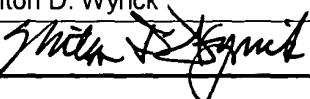
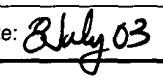
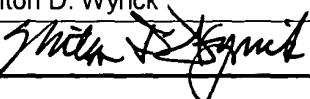
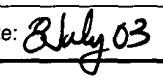
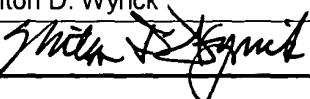
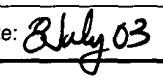


<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>		Attorney Docket No.: S-100,626
		First Inventor or Application Identifier: David A. Platts
		Title: RADIAL-RADIAL SINGLE ROTOR TURBINE
		Express Mail Label No.: ET461826025US
<b>APPLICATION ELEMENTS</b>		<span style="border: 1px solid black; padding: 2px;">pro</span>  <span style="border: 1px solid black; padding: 2px;">1846 U.S. 72</span> <span style="border: 1px solid black; padding: 2px;">10/07/03</span>
<p>1. <input checked="" type="checkbox"/> * Fee Transmittal Form (e.g. PTO/SB/17) (submit an original and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [ Total Pages: 11]  <input checked="" type="checkbox"/> Descriptive title of the Invention  <input checked="" type="checkbox"/> Cross References to Related Applications  <input checked="" type="checkbox"/> Statement Regarding Fed sponsored R&amp;D  <input type="checkbox"/> Reference to sequence listing, a table or a computer program listing appendix  <input checked="" type="checkbox"/> Background of the Invention  <input checked="" type="checkbox"/> Brief Description of the Drawings (if filed)  <input checked="" type="checkbox"/> Detailed Description  <input checked="" type="checkbox"/> Claim(s)  <input checked="" type="checkbox"/> Abstract of the Disclosure</p> <p>4. <input checked="" type="checkbox"/> Drawings(s) (35 U.S.C.113) [Total Sheets: 4]  <input type="checkbox"/> Formal <input checked="" type="checkbox"/> Informal</p> <p>5. <input checked="" type="checkbox"/> Declaration &amp; Power of Attorney [Total Pages: 2]  a. <input checked="" type="checkbox"/> Newly executed (original or copy)  b. <input type="checkbox"/> Copy from a prior application (37 C.F.R.63(d) (for continuation/divisional with Box 16 completed)  c. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33 (b).</p>		<p>6. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. <input type="checkbox"/> Computer Readable Copy  b. Specification Sequence Listing on:  i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or  ii. <input type="checkbox"/> paper  c. <input type="checkbox"/> Statement verifying identity of above copies</p>
<b>ACCOMPANYING APPLICATION PARTS</b>		
<p>8. <input checked="" type="checkbox"/> Assignment Papers (cover sheet &amp; documentation)</p> <p>9. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)</p> <p>10. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>11. <input type="checkbox"/> Preliminary Amendment</p> <p>12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (should be specifically itemized)</p> <p>13. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>14. <input type="checkbox"/> Nonpublication Request and Certification Under 35 U.S.C. 122(b)(2)(b)(i)</p> <p>15. <input type="checkbox"/> Other:</p>		
<p>16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:</p> <p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application S.N. _____ / _____.</p> <p>Prior application information: Examiner: Group/Art Unit:</p> <p><b>For CONTINUATION or DIVISIONAL APPS only:</b> The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p>		
<b>16. CORRESPONDENCE ADDRESS</b>		
<input type="checkbox"/> Customer Number or Bar Code Label 		OR <input type="checkbox"/> Correspondence Address Below  <b>35068</b> <b>PATENT TRADEMARK OFFICE</b> <i>(Insert Customer No. or Attach Bar Code Label here)</i>
<p>Name: Milton D. Wyrrick  Address: Los Alamos National Laboratory  LC/IP, MS A187  City: Los Alamos State: New Mexico Zip Code 87545  Country United States Telephone: (505) 665-3659 Fax: (505) 665-4424</p>		
Name (Print/Type): Milton D. Wyrrick		Registration No. (Attorney/Agent): 29,993
Signature: 		Date: 8 July 03

<b>FEE TRANSMITTAL</b> <b>For FY 2003</b>		<b>Complete if Known</b>																																																																																																																													
<small>Patent fees are subject to annual revision (submit an original and a duplicate for fee processing)</small>		Application Number:																																																																																																																													
		Filing Date:																																																																																																																													
		First Named Inventor:	David A. Platts																																																																																																																												
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		Group/Art Unit:																																																																																																																													
		Attorney Docket No.:	S-100,626																																																																																																																												
<b>METHOD OF PAYMENT</b>		<b>FEE CALCULATION (continued)</b>																																																																																																																													
<p>1. <input checked="" type="checkbox"/> The commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number: 12-2150 Deposit Account Name: Los Alamos National Laboratory</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 C.F.R. 1.16 and 1.17</p> <p><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>		<p><b>3. ADDITIONAL FEES</b></p> <table border="0"> <thead> <tr> <th style="text-align: left;">Large Entity</th> <th style="text-align: left;">Small Entity</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee Paid</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>\$130      \$65      Surcharge – late filing fee or oath</td> <td></td> </tr> <tr> <td></td> <td></td> <td>\$50      \$25      Surcharge – late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td></td> <td></td> <td>\$2,520      \$2,520      For filing a request for reexamination</td> <td></td> </tr> <tr> <td></td> <td></td> <td>\$110      \$55      Extension for reply within first month</td> <td></td> </tr> <tr> <td></td> <td></td> <td>\$410      \$205      Extension for reply within second month</td> <td></td> </tr> <tr> <td></td> <td></td> <td>\$930      \$465      Extension for reply within third month</td> <td></td> </tr> <tr> <td></td> <td></td> <td>\$1,450      \$725      Extension for reply within fourth month</td> <td></td> </tr> <tr> <td></td> <td></td> <td>\$1,970      \$985      Extension for reply within fifth month</td> <td></td> </tr> <tr> <td></td> <td></td> <td>\$320      \$160      Notice of Appeal</td> <td></td> </tr> <tr> <td></td> <td></td> <td>\$320      \$160      Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td></td> <td></td> <td>\$280      \$140      Request for oral hearing</td> <td></td> </tr> <tr> <td></td> <td></td> <td>\$110      \$55      Petition to revive – unavoidable</td> <td></td> </tr> <tr> <td></td> <td></td> <td>\$110      \$55      Terminal Disclaimer</td> <td></td> </tr> <tr> <td></td> <td></td> <td>\$1,300      \$650      Petition to revive – unintentional</td> <td></td> </tr> <tr> <td></td> <td></td> <td>\$130      \$130      Petitions to the Commissioner</td> <td></td> </tr> <tr> <td></td> <td></td> <td>\$50      \$50      Petitions related to provisional applications</td> <td></td> </tr> <tr> <td></td> <td></td> <td>\$180      \$180      Submission of Information Disclosure Statement</td> <td></td> </tr> <tr> <td></td> <td></td> <td>\$750      \$375      Filing a submission after final rejection (37 CFR 1.129 (a))</td> <td></td> </tr> <tr> <td></td> <td></td> <td>\$750      \$375      For each additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> <tr> <td></td> <td></td> <td>\$100      \$100      Certificate of Correction</td> <td></td> </tr> <tr> <td></td> <td></td> <td>\$300      \$300      Publication fee for early, voluntary, or normal publication</td> <td></td> </tr> <tr> <td></td> <td></td> <td>\$750      \$375      Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td></td> <td></td> <td>Other fee (specify) _____</td> <td></td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;"><b>SUBTOTAL (3)</b></td> <td style="text-align: right;"><b>\$0</b></td> </tr> <tr> <td colspan="4" style="text-align: center;">Reduced by Basic Filing Fee Paid</td> </tr> <tr> <td colspan="4" style="text-align: right;"> <b>SUBTOTAL FROM 1</b>      <b>\$375</b>  <b>SUBTOTAL FROM 2</b>      <b>\$0</b>  <b>SUBTOTAL FROM 3</b>      <b>\$0</b> </td> </tr> <tr> <td colspan="4" style="text-align: right;"><b>TOTAL AMOUNT OF PAYMENT</b>      <b>\$375</b></td> </tr> <tr> <td colspan="2" style="text-align: center;"><b>SUBMITTED BY</b></td> <td colspan="2" style="text-align: center;"><b>Complete (if applicable)</b></td> </tr> <tr> <td>Printed Name:</td> <td>Milton D. Wyrick</td> <td>Reg. No.</td> <td>29,993</td> </tr> <tr> <td>Signature:</td> <td></td> <td>Date: </td> <td>Telephone: (505)665-3659</td> </tr> </tbody></table>		Large Entity	Small Entity	Fee Description	Fee Paid			\$130      \$65      Surcharge – late filing fee or oath				\$50      \$25      Surcharge – late provisional filing fee or cover sheet				\$2,520      \$2,520      For filing a request for reexamination				\$110      \$55      Extension for reply within first month				\$410      \$205      Extension for reply within second month				\$930      \$465      Extension for reply within third month				\$1,450      \$725      Extension for reply within fourth month				\$1,970      \$985      Extension for reply within fifth month				\$320      \$160      Notice of Appeal				\$320      \$160      Filing a brief in support of an appeal				\$280      \$140      Request for oral hearing				\$110      \$55      Petition to revive – unavoidable				\$110      \$55      Terminal Disclaimer				\$1,300      \$650      Petition to revive – unintentional				\$130      \$130      Petitions to the Commissioner				\$50      \$50      Petitions related to provisional applications				\$180      \$180      Submission of Information Disclosure Statement				\$750      \$375      Filing a submission after final rejection (37 CFR 1.129 (a))				\$750      \$375      For each additional invention to be examined (37 CFR 1.129(b))				\$100      \$100      Certificate of Correction				\$300      \$300      Publication fee for early, voluntary, or normal publication				\$750      \$375      Request for Continued Examination (RCE)				Other fee (specify) _____				<b>SUBTOTAL (3)</b>	<b>\$0</b>	Reduced by Basic Filing Fee Paid				<b>SUBTOTAL FROM 1</b> <b>\$375</b> <b>SUBTOTAL FROM 2</b> <b>\$0</b> <b>SUBTOTAL FROM 3</b> <b>\$0</b>				<b>TOTAL AMOUNT OF PAYMENT</b> <b>\$375</b>				<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>		Printed Name:	Milton D. 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